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Information Disclosure Statement by Applicant
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(37 CFR §1.98(b))

Attorney's Docket No.	Application No.
16743-002001 / 12A-920429	10/680,730
Applicant	Tang, et al.
Filing Date	October 6, 2003
Group Art Unit	~~1651~~ 1653

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Smm	AA	20030032771A1	02/13/2003	Sharp et al.	530	324	2-14-01
Smm	AB	20030050233A1	03/13/2003	Burman et al.	514	12	6-29-01
Smm	AC	20030083261A1	05/01/2003	Yu et al.	514	13	4-30-01
	AD						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
	AE							
	AF							
	AG							
	AH							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
Smm	AI	Belmont, L.D. and Mitchison, T.J. (1996). Identification of a protein that interacts with tubulin dimers and increases the catastrophe rate of microtubules. *Cell*, **84**, 623-631.
Smm	AJ	Cassimeris, L. and Spittle, C. (2001). Regulation of microtubule-associated proteins. *Int. Rev. Cytol.*, **210**, 163-226.
	AK	Cassimeris, L. (2002). The oncoprotein18/stathmin family of microtubule destabilizers. *Curr. Opin. Cell Biol.*, **14**, 18-24.
	AL	Conboy, J.G., *et al.* (1988). Multiple protein 4.1 isoforms produced by alternative splicing in human erythroid cells. *Proc. Natl. Acad. Sci. USA*, **85**, 9062-9065.
	AM	Conboy, J.G., *et al.* (1991). Tissue- and development-specific alternative RNA splicing regulates expression of multiple isoforms of erythroid membrane protein 4.1. *J. Biol. Chem.*, **266**, 8273-8280.
	AN	DeCárcer, *et al.* (1995). Protein 4.1 is a component of the nuclear matrix of mammalian cells. *Biochem J.*, **312 (Pt 3)** 871-877.
	AO	Desai, A., *et al.* (1999). Kin I kinesins are microtubule-destabilizing enzymes. *Cell*, **96**, 69-78.
	AP	Erickson, H.P. and Stoffler, D. (1996). Protofilaments and rings, two conformations of the tubulin family conserved from bacterial FtsZ to α/β and γ tubulin. *J. Cell Biol.*, **135**, 5-8.
	AQ	Hartman, J.J., *et al.* (1998). Katanin, a microtubule-severing protein, is a novel AAA ATPase that targets to the centrosome using a WD40-containing subunit. *Cell*, **93**, 277-287.
✓	AR	Heald, R. and Nogales, E. (2002). Microtubule dynamics. *J Cell Sci*, **115**, 3-4.

Examiner Signature	Date Considered
Susan M. Mayer	09/29/04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Smm	AS	Huang, J.P., *et al.* (1993). Genomic structure of the locus encoding protein 4.1. Structural basis for complex combinational patterns of tissue-specific alternative RNA splicing. *J. Biol. Chem.*, **268**, 3758-3766.
	AT	Hung, L.Y., *et al.* (2000). Protein 4.1 R-135 interacts with a novel centrosomal protein (CPAP) which is associated with the γ-tubulin complex. *Mol. Cell Biol.*, **20**, 7813-7825.
	AU	Hung, L.Y. and Tang, T.K. (2002). A novel centrosomal protein (CPAP) play a role in cell mitosis and genomic stability. Page 115, Program & Abstracts, the 4th Asian-Pacific Organization for Cell Biology Congress, November 3-6, 2002.
	AV	Krauss, S.W., *et al.* (1997). Structural protein 4.1 in the nucleus of human cells: dynamic rearrangements during cell division. *J. Cell Biol.*, **137**, 275-289.
	AW	Krauss, S.W., *et al.* (1997). Structural protein 4.1 is located in mammalian centrosomes. *Proc. Natl. Acad. Sci. USA*, **94**, 7297-7302.
	AX	Mattagajasingh, S.N., *et al.* (1999). A nonerythroid isoform of protein 4.1R interacts with the nuclear mitotic apparatus (NuMA) protein. *J. Cell Biol.*, **145**, 29-43.
	AY	McCabe, P.M., *et al.* (1999). The influence of dsRNA viruses on the biology of plant pathogenic fungi. *Trends Microbial.* 7:377-81.
	AZ	McNally, F.J. and Vale, R.D. (1993). Identification of katanin, an ATPase that severs and disassembles stable microtubules. *Cell*, **75**, 419-429.
	AAA	Peng, B., *et al.* (2002). CPAP is a novel stat5-interacting cofactor that augments stat5-mediated transcriptional activity. *Mol. Endocrinol.*, **16**, 2019-2033.
	ABB	Pérez-Ferreiro, C.M., *et al.* (2001). 4.1R proteins associate with interphase microtubules in human T cells: a 4.1R constitutive region is involved in tubulin binding. *J. Biol. Chem.*, **276**, 44785-44791.
	ACC	Rao, J.S. (2003). Molecular mechanisms of glioma invasiveness: the role of proteases. *Nat. Rev. Cancer*, 3:489-501.
	ADD	Rochefort, H., *et al.* (1990). Cathepsin D in breast cancer: from molecular and cellular biology to clinical applications. *Cancer Cells*, 2:383-88.
	AEE	Schiebel, E. (2000). γ-tubulin complexes: binding to the centrosome, regulation and microtubule nucleation. *Curr. Opin. Cell Biol.*, **12**, 113-118.
	AFF	Tang, T.K., *et al.* (1988). Selective expression of an erythroid-specific isoform of protein 4.1. *Proc. Natl. Acad. Sci. USA*, **85**, 3713-3717.
	AGG	Tang, T.K., *et al.* (1990). Heterogeneity of mRNA and protein products arising from the protein 4.1 gene in erythroid and nonerythroid tissues. *J. Cell Biol.*, **110**, 617-624.
	AHH	Todd, S., *et al.* (2000). HIV protease as a target for retrovirus vector-mediated gene therapy. *Biochim. Biophys. Acta.*, **1477(12)**:168-188.
	AII	Walczak, C.E., *et al.* (1996). XKCM1: a Xenopus kinesin-related protein that regulates microtubule dynamics during mitotic spindle assembly. *Cell*, **84**, 37-47.
	AJJ	Zheng, Y., *et al.* (1995). Nucleation of microtubule assembly by a γ-tubulin-containing ring complex. *Nature*, **378**, 578-583.

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